



**US Army Corps
of Engineers®**

Research and Development Center

One Corps serving The Army and the Nation

The USACE Research and Development mission is to provide quality, responsive engineering and environmental research and development support to the Army and the Nation. As part of the Corps of Engineers team, we develop and apply innovative science and technology solutions to support warfighter, infrastructure, environment, water resources, and disaster operations.

The Engineer Research and Development Center (ERDC)

The ERDC research, development, and support program was over \$540 million in FY01. The ERDC consists of over 1025 engineers and scientists and a total of 2000 employees working in seven laboratories at four sites. Over 530 of the technical staff have Master's Degrees and another 266 have Doctorate Degrees. The ERDC operates over \$1.2 billion of research equipment and facilities.



USACE Research And Development Points of Contacts

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ERDC Laboratory Research Areas and Points of Contacts

Coastal and Hydraulics Laboratory (CHL) – Flood/Storm Damage Reduction, Hydro-Environmental, Navigation Support, Integrated System Analysis, Military Support	Mr. Thomas W. Richardson , Director, CHL, 601-634-2001, thomas.w.richardson@erdc.usace.army.mil
Cold Regions Research and Engineering Laboratory (CRREL) – Snow and Ice, Ice Engineering, Geosciences, Remote Sensing and GIS, Civil and Infrastructure Engineering, Environmental Sciences, Applied Military Engineering	Dr. Barbara J. Sotirin , Director, CRREL, 603-646-4201, barbara.j.sotirin@erdc.usace.army.mil
Construction Engineering Research Laboratory (CERL) – Facilities Delivery Processes, Facilities Operations and Maintenance, Seismic Mitigation, Land Management, Environmental Compliance	Dr. Alan W. Moore , Director, CERL, 217-373-7202, alan.w.moore@erdc.usace.army.mil
Environmental Laboratory (EL) – Environmental Cleanup and Restoration, Ecosystem Management, Wetlands Management, Aquatic Plant Control, Dredging Operations	Dr. Edwin A. Theriot , Director, EL, 601-634-2678, edwin.a.theriot@erdc.usace.army.mil
Geotechnical and Structures Laboratory (GSL) -- Soil and Rock Mechanics, Foundation Design, Embankment Design, Slope Stability, Seepage Analysis, Earthquake Engineering, Engineering Geology, Geophysics, Pavement Technology, Expedient Surfacing, Dust Control, and Vehicle Mobility and Trafficability, and Force Protection	Dr. Michael J. O'Connor , Director, GSL, 601-634-2234, michael.j.o'connor@erdc.usace.army.mil
Information Technology Laboratory (ITL) -- High Performance Computing, Computer-Aided and Interdisciplinary Engineering, Computer Science, Information Technology, and Instrumentation Systems	Dr. Jeffery P. Holland , Director, ITL, 601-634-2644, jeffery.p.holland@erdc.usace.army.mil
Topographic Engineering Center (TEC) – Topographic Systems, Imagery Analysis, Geospatial Data Collection and Management, Remote Sensing, Military Operations Support	Mr. Robert W. Burkhardt , Director, TEC, 703-428-6600, robert.w.burkhardt@erdc.usace.army.mil